

# XFTJSS OF IRRIGATION

Babylonians deemed the planet Venus the star of Astarte. To both peoples apparently the brilliant luminary In the morning sky seemed the goddess of life and love come to mourn her departed lover or spouse and to wake

*script-tones* sacred year was impo  
*Sejfectae*^ vol. i. p. held rtant  
 102, No. on the ,  
 56 (lines 28 sq. in nineteenth, not sinc  
 Ch. Michel's Re- the twentieth e it  
*C'lieil* d> of July. See defin  
*Inscriptions* Ed. Meyer, itely  
*Grcqcucs*, p. 417, "Agyp- prov  
 No. 551); R. V. tische es  
 Lanzone, Chronologic," that,  
*Dizionario* *Abhandlungen der* besi  
*di* *Mitologia* *konigl. Preuss.* des  
*Egizia*^ pp. 825 *Akademie der* the  
 sq. On *Wissen-* shift  
 the ceiling of the *schaften*, 1904, ing  
 Memnonium at pp. 22 sqq. • festi  
 Thebes the vals  
 heliacal rising of " *Nachtrage zur* of  
 Sirius is *agyptischen* the shifti  
 represented Chrono- ng  
 under the form logic," offici  
 and name *Abhandlungen* al  
 of Isis (Sir J. G. *der kbniqL* year,  
 Wilkinson, *Preuss. Akademie* the  
*Manners* *der* Egyp  
*and Customs of* *Wissenschaften*, tians  
*the* *Ancient* 1907, pp. 7 sqq. celeb  
*Egyptians*^ *; id., Geschichte* rated  
 London, 1878, lii. *des* other  
 102). *Alttertums?* i- 2. festi  
<sup>1</sup> Porphyry and pp. 28 sqq., 98 vals,  
 the Canopic whic  
 decree, <sup>2</sup> *Eudoxi ars* h  
*ll.cc.* ; Censorinus, *astronomica*, were  
*D& dienatali*, xvlii. *qualis* date  
 10, xxi. 10. *in charta* d by  
 In inscriptions on *Aegyptiaca* direc  
 the *superest*, ed. t  
 temple at Syene, F. Ellass (Kiliae, obse  
 the modern 1887), p. 14, ot rvati  
 Assuan, *oe* on of  
 Isis is called 'c the *dd[r/o]X[6]70i KG!* natu  
 mistress of the be- *ol* ral  
 ginning of the *Ze/oo7/ja/A/i[are?s]* phen  
 year," the *xCpc^]rcu rcus* ome  
 goddess *Kara <re\7?[>Mi>]* na,  
 "who revolves ^[f]- nam  
 about the world, *POLLS Kai fiyovcn* ely,  
 near *irav8r)i^L"]Ka?* the  
 to the *2[op]ras* annu  
 constellation of *TLVCLS 1&V COS* al  
 Orion, who rises *IvO~ffidjD TO, 5E* inun-  
 in the eastern *KdrCL-* dati  
 sky and passes to *Xvr/tpia Kal nvvbs* on,  
 the *d^aroXV Kttl <reX7?* the  
 west perpetually " *j>cua* rise  
 (R. V. Lanzone, *Kara Oeb|v}*, of  
*op. cit.* p. 826). *dvaXeybfjiwot ras* of  
 According to *yjuLfias CAT* Siriu  
 some, the *r&v Aiyvirriuv* s,  
 festival of the This statement of and  
 rising of Sirius *Eudoxus* or of the  
 and the one of his pupils phas  
 beginning of the is es of  
 the moo

n. The same distinction of the fixed from the movable festivals is indicated in one of the Hibeh papyri, but the passage is unfortunately mutilated. See *The Hibeh Papyri*, part i., edited by B. P. Grenfell and A. S. Hunt (London, 1906), pp. 145, 151 (pointed out to me by my friend Mr. W. Wyse). The annual festival in honour of Ptolemy and Berenice was fixed on the day of the rising of Sirius. See the Canopic decree, in W. Dittenbergers *Orientis Graeci Inscriptiones Selectae*, No. 56 (vol. i. pp. 102 *sg.*). The rise of Sirius was carefully observed by the Islanders of Ceos, in the Aegean. They watched for it with arms in their hands and sacrificed on the mountains to the star, drawing from its aspect omens of the salubrity or unhealthiness of the coming year. The sacrifice was believed to secure the advent of the cool North winds (the Etesian winds as the Greeks call them), which regularly begin to blow about this time of the year, and mitigate the oppressive heat of summer in the Aegean. See Apollonius Rhodius, *Argon*, ii. 516-527, with the notes of the Scholiast on vv. 498, 526 ;

Theophrastus, *De venlis*^ ii. 14; Clement of Alexandria, *Strom*, vi. 3. 29, p. 753, ed. Potter; Nonnus, *Dionys.* v. 269-279 ; Hyginus, *Astronomica*, ii. 4; Cicero, *De divinationes*^ i. 57. 130; M. P. Nilsson, *Griechische Feste* (Leipskj 1906), pp. 6-8; C. Neu-  
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phrastus,  
venlis^ ii. 14;  
Clement  
of Alexandria,  
Strom, vi. 3. 29, p.  
753,  
ed. Potter;  
Nonnus, Dionys.  
v. 269-  
279 ; Hyginus,  
Astronomica., ii.  
4;  
Cicero, De  
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